Suggestion of a standard maneuver in cap-assisted colonoscopy: hooking and dragging maneuver

Cap-assisted colonoscopy involves the attachment of a distal transparent cap to the end of the colonoscope. This method has several advantages, such as decreasing insertion time [1] and enabling easy flattening of the mucosal folds, thus permitting visualization of the hidden polyps behind the mucosal folds [2]. However, the use of cap-assisted colonoscopy in detecting adenomas is debatable [1, 3]. Until now, although the benefits of using a clear cap have been discussed, there have been no discussions on how to use it. Therefore, this study suggests a “hooking and dragging maneuver” (▶ Video 1).

This maneuver involves hooking the mucosal fold with the tip of the cap, dragging the scope, scratching along the colon wall, and stretching multiple mucosal folds simultaneously (▶ Fig. 1). This technique allows the visualization of multiple posterior regions of the mucosal fold at the same time, minimizing the hidden areas. Hooking points and dragging directions on the cecum (▶ Fig. 2), the ascending colon (▶ Fig. 3), and the hepatic flexure (▶ Fig. 4) are shown.

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Competing interests

The authors declare that they have no conflict of interest.

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Video 1 “Hooking and dragging maneuver” as a standard maneuver in cap-assisted colonoscopy. Source for graphical illustration: Park Sabeom.